PERCENTAGE LOG OF WATER-WELL CUTTINGS
UTAH GEOLOGICAL SURVEY

DWRi Appropriation #: 73-3428(a29167) Well Owner: Petersen Pumps and Wells
Location: (C-36-12)11acb, Iron County, Utah Win #: 428883
Driller: Petersen Pump and Wells Geologist: Janae Wallace, 2/5/08

Depth Range (feet)		**PERCENTAGES** unconsolidated			**COMMENTS**
		clay	slt/sd [+]	gravel*	
0	10	0	0	0	no sample
10	15	10	80	10	orange-tan and pink clay, silt, sand, and gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular and consists of volcanic, sandstone, chert, and limestone clasts; maximum clast size (MCS) is 1 cm, average clast size (ACS) is 1 cm; trace shell fragments; calcareous
15	20	5	95	tr	orange-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; trace shell fragments; calcareous
20	25	5	95	tr	“
25	30	10	90	tr	“
30	35	10	90	tr	“
35	40	50	50	tr	“ trace gypsum
40	45	25	75	tr	“
45	50	25	75	tr	“
50	55	10	90	tr	“
55	60	10	90	tr	“
60	65	50	50	tr	“
65	70	50	50	tr	“

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES			COMMENTS
		unconsolidated			
		clay	slt/sd [+]	gravel*	
70	75	50	50	tr	orange-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; trace shell fragments and gypsum; calcareous
75	80	50	50	tr	"
80	85	50	50	tr	orange-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
85	90	50	50	tr	"
90	95	50	50	tr	"
95	100	50	50	tr	"
100	105	50	50	tr	orange-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; trace shell fragments and gypsum; calcareous
105	110	50	50	tr	"
110	115	50	50	tr	"
115	120	50	50	tr	" trace black carbonaceous material
120	125	50	50	tr	"
125	130	50	50	tr	"
130	135	50	50	tr	"
135	140	50	50	tr	"
140	145	50	50	tr	"

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
145	150	48	50	2	orange-tan and pink clay, silt, sand, and gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 1 cm; calcareous
150	155	50	50	tr	orange-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; trace shell fragments and gypsum; calcareous
155	160	50	50	tr	“
160	165	50	50	tr	“
165	170	50	50	tr	“
170	175	50	50	tr	“
175	180	30	65	5	brown-pink clay, silt, and sand with yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.5 cm; calcareous
180	185	20	60	20	“ MCS is 2 cm, ACS is 0.5 cm
185	190	30	60	10	“ MCS is 1.5 cm, ACS is 0.5 cm
190	195	20	70	10	“ MCS is 1 cm, ACS is 0.5 cm
195	200	10	90	tr	red-brown clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
200	205	20	75	5	brown clay, silt, and sand with yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 0.5 cm, ACS is 0.5 cm; calcareous
205	210	30	60	10	" MCS is 1 cm, ACS is 0.3 cm
210	215	20	78	2	" MCS is 0.5 cm, ACS is 0.5 cm
215	220	20	55	25	" red; MCS is 2 cm, ACS is 0.5 cm
220	225	20	70	10	" pink brown; MCS is 1 cm, ACS is 1 cm
225	230	20	75	5	" brown; MCS is 1 cm, ACS is 0.5 cm
230	235	10	88	2	" MCS is 0.5 cm, ACS is 0.5 cm
235	240	20	50	30	" MCS is 2 cm, ACS is 0.5 cm
240	245	50	45	5	" red; MCS is 1 cm, ACS is 0.3 cm
245	250	30	20	50	" brown; MCS is 3 cm, ACS is 1 cm
250	255	30	20	50	" gray brown; MCS is 1 cm, ACS is 0.3 cm
255	260	0	0	0	no sample
260	265	20	30	50	red-brown clay, silt, and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 0.5 cm; calcareous
265	270	30	60	10	" MCS is 3 cm, ACS is 0.5 cm
270	280	0	0	0	no sample

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
280	285	20	80	tr	red-orange clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
285	290	10	90	tr	"
290	295	5	95	0	" no gravel
295	300	10	90	0	"
300	315	10	90	tr	orange-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
315	320	2	98	tr	"
320	325	10	90	tr	"
325	330	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 1 cm; calcareous
330	340	0	0	100	" MCS is 2 cm, ACS is 2 cm
340	350	5	95	0	orange-tan clay, silt, and sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
350	355	5	95	0	"
355	364	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3.5 cm, ACS is 1 cm; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
364	375	0	20	80	orange-tan silt and sand with red, brown, yellow, tan, purple, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1.5 cm, ACS is 1 cm; calcareous
375	380	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2.5 cm, ACS is 1 cm; calcareous
380	385	0	0	100	" MCS is 2 cm, ACS is 1 cm
385	390	0	75	25	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 0.3 cm; calcareous
390	400	0	100	0	orange-tan sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
400	425	0	100	0	"
425	430	20	30	50	orange-tan clay, silt, and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1.5 cm, ACS is 0.5 cm; calcareous
430	435	2	8	90	" MCS is 3 cm, ACS is 1 cm

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
435	440	tr	50	50	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 0.5 cm; trace clay; calcareous
440	445	5	45	50	red-brown clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1.5 cm, ACS is 0.5 cm; calcareous
445	450	tr	5	95	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 4 cm, ACS is 1 cm; trace clay; calcareous
450	4550	5	95	tr	pink-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
455	460	10	90	tr	“
460	475	90	10	tr	“
475	480	0	100	tr	brown, orange, and tan sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; trace gravel; calcareous
480	485	0	98	2	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 0.3 cm; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd +	gravel*	
485	490	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 0.3 cm; calcareous
490	495	0	0	100	" MCS is 3.5 cm, ACS is 2 cm
495	500	tr	tr	100	" MCS is 4 cm, ACS is 1 cm; trace clay and sand
500	510	tr	tr	100	"
510	515	5	25	70	red-brown clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1.5 cm, ACS is 0.3 cm; calcareous
515	520	2	98	tr	orange-tan clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
520	525	tr	60	40	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 0.5 cm; trace clay; calcareous
525	530	0	tr	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; trace sand; MCS is 0.5 cm, ACS is 0.3 cm; calcareous

+slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES			COMMENTS
		unconsolidated			
		clay	slt/sd [+]	gravel*	
530	535	tr	10	90	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 0.5 cm, ACS is 0.3 cm; trace clay; calcareous
535	540	tr	10	90	" MCS is 1 cm, ACS is 0.5 cm
540	545	5	70	25	orange-tan clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.3 cm; calcareous
545	550	0	50	50	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.3 cm; calcareous
550	555	0	50	50	" MCS is 1.5 cm, ACS is 0.3 cm
555	560	2	48	50	orange-tan clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 0.3 cm; calcareous
560	565	tr	75	25	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 0.3 cm; trace clay; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES			COMMENTS
		unconsolidated			
		clay	slt/sd [+]	gravel*	
565	570	0	50	50	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3.5 cm, ACS is 1 cm; calcareous
570	575	5	90	5	red-brown clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 0.5 cm, ACS is 0.5 cm; calcareous
575	580	0	10	90	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 4 cm, ACS is 2 cm; calcareous
580	585	0	30	70	" MCS is 2 cm, ACS is 0.5 cm
585	590	tr	20	80	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2.5 cm, ACS is 0.5 cm; trace clay; calcareous
590	595	0	5	95	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 4 cm, ACS is 1 cm; calcareous
595	600	0	5	95	" MCS is 2.5 cm, ACS is 1 cm

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
600	605	0	10	90	" MCS is 2.5 cm, ACS is 1 cm
605	608	0	10	90	" MCS is 2.5 cm, ACS is 1 cm
608	610	50	45	5	red-orange clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 0.3 cm; calcareous
610	615	2	80	18	" MCS is 3 cm, ACS is 1 cm
615	620	10	80	10	" MCS is 2 cm, ACS is 0.3 cm
620	625	10	80	10	" MCS is 2 cm, ACS is 0.3 cm
625	630	0	0	100	purple, pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 1 cm; calcareous
630	635	0	0	100	" MCS is 1.5 cm, ACS is 1 cm
635	640	0	0	100	" MCS is 1 cm, ACS is 1 cm
640	645	0	90	10	red-orange silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.5 cm; calcareous
645	650	0	100	tr	orange-tan sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
650	655	0	100	0	orange-tan sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
655	660	tr	100	tr	orange-tan sand with trace clay and gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
660	665	0	50	50	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 1 cm; calcareous
665	670	0	50	50	" MCS is 3.5 cm, ACS is 1 cm
670	675	5	50	45	orange-tan clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 1 cm; calcareous
675	680	0	5	95	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 0.5 cm; calcareous
680	685	2	90	8	orange-tan clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.3 cm; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd +	gravel*	
685	690	tr	75	25	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.3 cm; trace clay; calcareous
690	695	0	80	20	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 0.5 cm, ACS is 0.3 cm; calcareous
695	700	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 4 cm, ACS is 2 cm; calcareous
700	705	0	10	90	orange-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 1 cm; calcareous
705	710	0	50	50	" MCS is 1.5 cm, ACS is 0.3 cm
710	715	0	10	90	" MCS is 4 cm, ACS is 2 cm
715	720	0	90	10	" MCS is 4 cm, ACS is 1 cm
720	725	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 3 cm, ACS is 1 cm; calcareous

+slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
725	730	0	20	80	yellow-tan silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 0.5 cm; calcareous
730	735	0	20	80	" MCS is 2 cm, ACS is 1 cm
735	740	0	100	tr	yellow-tan sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; trace gravel; calcareous
740	745	2	90	8	red clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.3 cm; calcareous
745	750	tr	100	0	red sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; trace clay; calcareous
750	755	2	98	tr	red clay, silt, and sand with trace gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
755	760	2	98	0	red clay, silt, and sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous
760	765	5	70	25	red clay, silt, and sand with red, brown, yellow, tan, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 4 cm, ACS is 0.3 cm; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES unconsolidated			COMMENTS
		clay	slt/sd [+]	gravel*	
765	770	5	90	5	" MCS is 0.5 cm, ACS is 0.5 cm
770	775	5	50	45	" MCS is 1 cm, ACS is 0.5 cm
775	780	tr	50	50	red silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 0.5 cm, ACS is 0.5 cm; trace clay; calcareous
780	785	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.5 cm; calcareous
785	790	0	0	100	" MCS is 3 cm, ACS is 1 cm
790	795	0	95	5	red-orange silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 1 cm, ACS is 0.5 cm; calcareous
795	800	0	25	75	" MCS is 1 cm, ACS is 0.5 cm
800	805	0	50	50	" MCS is 4 cm, ACS is 0.5 cm
805	810	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2.5 cm, ACS is 0.5 cm; calcareous
810	815	0	20	80	red-orange silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2 cm, ACS is 0.5 cm; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller

Depth Range (feet)		PERCENTAGES			COMMENTS
		unconsolidated			
		clay	slt/sd [+]	gravel*	
815	820	0	90	10	" MCS is 3 cm, ACS is 0.3 cm
820	825	0	0	100	pink, brown, yellow, tan, black, and gray gravel; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 5 cm, ACS is 1 cm; calcareous
825	830	0	0	100	" MCS is 2 cm, ACS is 0.5 cm
830	835	0	10	90	red silt and sand with red, brown, yellow, tan, pink, and gray gravel; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; gravel is angular to rounded and consists of volcanic, sandstone, chert, and limestone clasts; MCS is 2.5 cm, ACS is 0.5 cm; calcareous
835	840	0	100	0	red sand; sand is fine to coarse and consists of quartz, rock fragments, mica, and mafic minerals; calcareous

[+]slt=silt; sd=sand; *estimated clast size may not reflect actual size encountered by the driller